

ENGINEERING CHANGE PROPOSAL, PAGE 1					1. DATE(YMMDD)		2. PROCURING ACTIVITY NO.				
3. ORIGINATOR NAME AND ADDRESS					4. DODAAC			5. CLASS OF ECP			
					6. JUST. CODE			7. PRIORITY			
8. ECP DESIGNATION					9. BASELINE AFFECTED						
a. MODEL/TYPE		b. CAGE CODE		c. SYSTEM DESIGNATION			<input type="checkbox"/> FUNCTIONAL <input type="checkbox"/> ALLOCATED <input type="checkbox"/> PRODUCT				
d. ECP No.				e. TYPE		f. REV.		10. OTHER SYS/CONFIG ITEM AFFECTED			
								<input type="checkbox"/> YES <input type="checkbox"/> NO			
11. SPECIFICATIONS AFFECTED - TEST PLAN					12. DRAWINGS AFFECTED						
a. SYSTEM	CAGE CODE	SPEC/DOC NO	REV.	SCN/NOR	CAGE CODE	NUMBER	REV.	NOR			
b. DEVELOPMENT											
c. PRODUCT											
13. TITLE OF CHANGE						14. CONTRACT NO & LINE ITEM					
						15. PROCURING CONTRACTING OFFICER					
16. CONFIGURATION ITEM NOMENCLATURE									17. IN PRODUCTION		
									<input type="checkbox"/> YES <input type="checkbox"/> NO		
18. LOWEST ASSEMBLY AFFECTED											
a. NOMENCLATURE						b. PART NO.			c. NSN		
19. DESCRIPTION OF CHANGE											
20. NEED FOR CHANGE											
21. PRODUCTION EFFECTIVITY BY SERIAL NUMBER						22. EFFECT ON PRODUCTION DELIVERY SCHEDULE					
23. RETROFIT											
a. RECOMMENDED ITEM EFFECTIVITY						c. PLATFORMS AFFECTED					
b. ESTIMATED KIT DELIVERY SCHEDULE						d. LOCATIONS OF SHIPS/VEHICLE NUMBERS AFFECTED					
24. ESTIMATED COSTS/SAVINGS UNDER CONTRACT						25. ESTIMATED NET TOTAL COST/SAVINGS					
26. SUBMITTING ACTIVITY AUTHORIZING SIGNATURE						26a. TITLE					
27. APPROVAL/DISAPPROVAL											
a. CLASS I				b. CLASS II				c. CLASS II			
<input type="checkbox"/> APPROVAL RECOMMENDED <input type="checkbox"/> DISAPPROVAL RECOMMENDED				<input type="checkbox"/> APPROVED <input type="checkbox"/> DISAPPROVED				<input type="checkbox"/> CONCUR WITH CLASSI- FICATION OF CHANGE <input type="checkbox"/> DO NOT CONCUR IN CLASSIFICATION OF CHANGE			
d. GOVERNMENT ACTIVITY				e. SIGNATURE				f. DATE SIGNED (YMMDD)			
g. APPROVAL				h. GOVERNMENT ACTIVITY				i. SIGNATURE		j. DATE SIGNED (YMMDD)	
<input type="checkbox"/> APPROVED <input type="checkbox"/> DISAPPROVED											

ENGINEERING CHANGE PROPOSAL, PAGE 2

ORIGINATOR NAME AND ADDRESS

ECP NUMBER

EFFECT ON FUNCTIONAL/ALLOCATED CONFIGURATION IDENTIFICATION

28. OTHER SYSTEMS AFFECTED

29. OTHER CONTRACTORS/ACTIVITIES AFFECTED

30. CONFIGURATION ITEMS AFFECTED

31. EFFECTS ON PERFORMANCE ALLOCATIONS AND INTERFACES IN SYSTEM SPECIFICATION

32. EFFECTS ON EMPLOYMENT, INTEGRATED LOGISTICS SUPPORT, TRAINING, OPERATIONAL, EFFECTIVENESS, OR SOFTWARE

33. EFFECTS ON CONFIGURATION ITEM SPECIFICATIONS

34. DEVELOPMENTAL REQUIREMENTS AND STATUS

35. TRADE-OFFS AND ALTERNATIVE SOLUTIONS

36. DATE BY WHICH CONTRACTUAL AUTHORITY IS NEEDED

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ORIGINATOR NAME AND ADDRESS

ECP NUMBER

EFFECTS ON PRODUCT CONFIGURATION IDENTIFICATION, LOGISTICS, AND OPERATIONS

(X)	FACTOR	ENCL.	PAR.	(X)	FACTOR	ENCL.	PAR.
	37. EFFECT ON PRODUCT CONFIGURATION IDENTIFICATION OR CONTRACT				39. EFFECT ON OPERATIONAL EMPLOYMENT		
	a. PERFORMANCE				a. SAFETY		
	b. WEIGHT-BALANCE STABILITY (<i>Aircraft</i>)				b. SURVIVABILITY		
	c. WEIGHT-MOMENT (<i>Other equipment</i>)				c. RELIABILITY		
	d. CDRL, TECHNICAL DATA				d. MAINTAINABILITY		
	e. NOMENCLATURE				e. SERVICE LIFE		
					f. OPERATING PROCEDURES		
	38. EFFECT ON INTEGRATED LOGISTICS SUPPORT (ILS) ELEMENTS				g. ELECTROMAGNETIC INTERFERENCE		
	a. ILS PLANS				h. ACTIVATION SCHEDULE		
	b. MAINTENANCE CONCEPT, PLANS, PROCEDURES				i. CRITICAL SINGLE POINT FAILURE ITEMS		
	c. LOGISTICS SUPPORT ANALYSIS				j. INTEROPERABILITY		
	d. INTERIM SUPPORT PROGRAMS						
	e. SPARES AND REPAIR PARTS						
	f. TECH MANUALS/PROGRAMMING TAPES				40. OTHER CONSIDERATIONS		
	g. FACILITIES				a. INTERFACE		
	h. SUPPORT EQUIPMENT				b. OTHER AFFECTED EQUIPMENT/GFE/GFP		
	i. OPERATOR TRAINING				c. PHYSICAL CONSTRAINTS		
	J. OPERATING TRAINING EQUIPMENT				d. COMPUTER PROGRAMS AND RESOURCES		
	k. MAINTENANCE TRAINING				e. REWORK OF OTHER EQUIPMENT		
	l. MAINTENANCE TRAINING EQUIPMENT				f. SYSTEM TEST PROCEDURES		
	m. CONTRACT MAINTENANCE				g. WARRANTY/GUARANTEE		
	n. PACKAGING , HANDLING, STORAGE, AND TRANSPORTABILITY				h. PARTS CONTROL		
					i. LIFE CYCLE COSTS		

41. ALTERNATE SOLUTIONS

42. DEVELOPMENTAL STATUS

43. RECOMMENDATIONS FOR RETROFIT

44. WORK-HOURS PER UNIT TO INSTALL RETROFIT KITS

a. ORGANIZATION b. INTERMEDIATE c. DEPOT d. OTHER

45. WORK-HOURS TO CONDUCT SYSTEM TESTS AFTER RETROFIT

46. THIS CHANGE MUST BE ACCOMPLISHED

☐ BEFORE ☐ WITH ☐ AFTER THE FOLLOWING CHANGES:

47. IS CONTRACTOR FIELD SERVICE ENGINEERING REQUIRED?

☐ YES ☐ NO

48. OUT-OF-SERVICE TIME

49. EFFECT OF THIS ECP AND PREVIOUSLY APPROVED ECPs ON ITEM

50. DATE CONTRACTUAL AUTHORITY NEEDED

FOR PRODUCTION:
FOR RETROFIT:

ENGINEERING CHANGE PROPOSAL, PAGE 4

ORIGINATOR NAME AND ADDRESS

ECP NUMBER

51. ESTIMATED TOTAL COST IMPACT *(Use parentheses for savings)*

FACTOR	NON-RECURRING	RECURRING			TOTAL UNDER CONTRACT	OTHER COSTS/SAVINGS TO THE GOVERNMENT
		UNIT	QUANTITY	TOTAL <i>(Recurring)</i>		
	(a)	(b)	(c)	(d)	(e)	(f)
a. PRODUCTION COST/SAVING						
(1) CONFIGURATION ITEM/CSCI						
(2) FACTORY TEST EQUIPMENT						
(3) SPECIAL FACTORY TOOLING						
(4) SCRAP						
(5) ENGINEERING, ENGINEERING DATA REVISION						
(6) REVISION OF TEST PROCEDURES						
(7) QUALIFICATION OF NEW ITEMS						
(8) SUBTOTAL OF PROD. COSTS/SAVINGS						
b. RETROFIT COSTS						
(1) ENGINEERING DATA REVISION						
(2) PROTOTYPE TESTING						
(3) KIT PROOF TESTING						
(4) RETROFIT KITS FOR OPERATIONAL SYSTEMS						
(5) PREP. OF MWO/TCTO/SC/ALT/TD						
(6) SPECIAL TOOLING FOR RETROFIT						
(7) CONTRACTOR FIELD SERVICE ENGINEERING						
(8) GOV'T PERSONNEL INSTALLATION						
(9) TESTING AFTER RETROFIT						
(10) MODIFICATION OF GFE/GFP						
(11) QUALIFICATION OF GFE/GFP						
(12) SUBTOTAL OF RETROFIT COSTS. SAVINGS						
c. INTEGRATED LOGISTICS SUPPORT COSTS/ SAVINGS						
(1) SPARES/REPAIR PARTS REWORK						
(2) NEW SPARES AND REPAIR PARTS						
(3) SUPPLY/PROVISIONING DATA						
(4) SUPPORT/TEST EQUIPMENT						
(5) RETROFIT KITS FOR SPARES						
(6) OPERATOR TRAINING COURSES						
(7) MAINTENANCE TRAINING COURSES						
(8) REV. OF TECH. MAN./PROGRAMMING TAPES						
(9) NEW TECH. MAN./PROGRAMMING TAPES						
(10) TRAINING/TRAINERS						
(11) INTERIM SUPPORT						
(12) MAINTENANCE MANPOWER						
(13) COMPUTER PROGRAMS/DOCUMENTATION						
(14) SUBTOTAL OF ILS COSTS/SAVINGS						
d. OTHER COSTS/SAVINGS						
e. SUBTOTAL COSTS/SAVINGS						
SUBTOTAL UNDER CONTRACT						
f. COORDINATION OF CHANGES WITH OTHER CONTRACTORS						
g. COORDINATION CHANGES BY GOVERNMENT						
ESTIMATED NET TOTAL COSTS/SAVINGS						

ENGINEERING CHANGE PROPOSAL, PAGE 5							
ORIGINATOR NAME AND ADDRESS						ECP NUMBER	
52. ESTIMATED COSTS SAVINGS/SUMMARY, RELATED ECPs (Use parentheses for savings)							
N/A		CAGE CODE (a)	ECP NUMBER (b)		COSTS/SAVINGS UNDER CONTRACT (c)	OTHER COSTS/SAVINGS TO THE GOVERNMENT (d)	
PRODUCTION COST/SAVING (Subtotal of Costs/Saving Elements from block 51a applicable to aircraft, ship, tank, vehicle, missile, or its subsystem)							
SUBTOTAL PRODUCTION COSTS/SAVINGS							
RETROFIT COSTS (Applicable to aircraft, ship, tank, vehicle, missile, or its subsystem)							
SUBTOTAL RETROFIT COSTS							
INTEGRATED LOGISTICS SUPPORT COSTS/SAVING REVISED REQUIREMENTS							
(1) ITEM RETROFIT (If not covered under "b") (Applicable to aircraft, ship tank, vehicle, missile, or its subsystem)							
(2) ILS SUBTOTAL (Applicable to aircraft, ship, tank, vehicle, missile or its subsystem)							
(3) OPERATOR TRAINER (Net total cost/saving from each ECP covering operator trainer)							
(4) MAINTENANCE TRAINER (Net total cost/saving from each ECP covering maintenance trainer)							
(5) OTHER TRAINING EQUIPMENT							
(6) SUPPORT EQUIPMENT (Net total cost/saving from each ECP on support equipment)							
(7) ILS PLANS							
(8) MAINTENANCE CONCEPT, PLANS, SYSTEM DOCUMENTS							
(9) INTERIM SUPPORT PLAN							
NEW REQUIREMENTS		PROCURING ACTIVITY CODE	NON-RECURRING COSTS	RECURRING COSTS			
				UNIT	QTY	TOTAL	
(10) PROVISIONING DOCUMENTATION							
(11) OPER TRNR/TRNG DEVICES/EQUIP							
(12) MANUALS/PROGRAMMING TAPES, SPARES, REPAIR PARTS (For 11)							
(13) MAINTENANCE TRNR/TRNG DEVICES/EQUIPMENT							
(14) MANUALS/PROGRAMMING TAPES, SPARES, REPAIR PARTS (For 13)							
(15) SUPPORT EQUIPMENT							
(16) MANUALS/PROGRAMMING TAPES (For 15)							
(17) PROVISIONING DOCUMENTATION (For 15)							
(18) REPAIR PARTS (For 15)							
(19) SUBTOTAL ILS COSTS/SAVINGS (Sum of c. 1 through c. 18)							
		CAGE CODE	ECP NUMBER				
d. OTHER COSTS/SAVINGS (Total from block 48d of related ECPs)							
TOTAL OTHER COSTS/SAVINGS							
SUBTOTALS OF COLUMNS							
SUBTOTAL UNDER CONTRACT							
e. ESTIMATED NET TOTAL COSTS/SAVING (a + b + c + d)							

ENGINEERING CHANGE PROPOSAL NOTICE OF REVISION (NOR) AND NEW DOCUMENT SUMMARY PAGE			ECP NUMBER	
DOCUMENT AFFECTED			CURRENT REV. LTR.	NOTICE OF REVISION NO. SPECIFICATION CHANGE NOTICE NO.
DOCUMENT TITLE	CAGE CODE	DOCUMENT NUMBER		
1.				
2.				
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ENGINEERING CHANGE PROPOSAL (ECP) (HARDWARE), PAGE 6

DATE (YYMMDD)

ECP NU

53. CAC

54. CONFIGURATION NOMENCLATURE

55. TITLE OF CHANGE

56. DATE AUTHORIZATION TO PROCEED
RECEIVED BY CONTRACTOR (YYMMDD) → ▼

		1	2	3	4	5	6	7	8	9	10	11	12																										
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
a.	(1) Production																																						
	(2) Tech Manuals/Prog. Tapes																																						
	(3) Retrofit																																						
	(4) MWO/TCTO/SC/ALT/TD																																						
	(5) Spares/Repair Parts																																						
b.	(1) Production																																						
	(2) Tech Manuals/Prog. Tapes																																						
	(3) Retrofit																																						
	(4) MWO/TCTO/SC/ALT/TD																																						
	(5) Spares/Repair Parts																																						
c.	(1) Operator																																						
	(2) Maintenance																																						

ENGINEERING CHANGE PROPOSAL (ECP) (SOFTWARE), PAGE 7

DATE (YYMMDD)

ECP NUM

57. CAGE

8. COMPUTER SOFTWARE ITEM NOMENCLATURE

59. TITLE OF CHANGE

0. DATE AUTHORIZATION TO PROCEED

ECEIVED BY CONTRACTOR (YYMMDD)→▼

S START DELIVERY

C COMPLETE DELIVERY

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
(1) Software Engineering																										
(2) Software Documentation																										
(3) Software Replication																										
4) Software Distribution																										
(1) Software Engineering Environment Upgrade																										
(2) Software Test Environment Upgrade																										
(1) Operator																										
(2) Maintenance																										
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26